

CLAIMS:

1. Handheld device (1) with a display screen (2, 22), and means for displaying a document on the screen and means for scrolling through the document by tilting the device, characterized in that the device comprises a splitting screen (23, 24, 61, 71) in front of the display screen (22) for splitting the image in a number of sub-images in a number of viewing
5 zones (A,B,C,D), and in operation for each or for each or for a number of viewing zones a different part of a document is visible in a manner such that when tilting the device the parts of the document are visible in a sequential manner.
2. Handheld device as claimed in claim 1, characterized in that the device has a
10 display screen with a horizontal (x) and a vertical (y) direction, and the splitting screen (61) is horizontally oriented.
3. Handheld device as claimed in claim 1, characterized in that the device has a display screen with a horizontal (x) and a vertical (y) direction, and the splitting screen (61,
15 71) is vertically oriented.
4. Handheld device as claimed in claim 3, characterized in that the number of sub-images in at least 4.
- 20 5. Handheld device as claimed in claim 4, characterized in that the number of sub-images is less than 10.
6. Handheld device as claimed in claim 1, characterized in that the device has a selector for selecting the orientation of the image displayed on the screen, said selection at
25 least comprising two substantially orthogonal orientations.
7. Handheld device as claimed in claim 1, characterized in that the splitting screen is a lenticular screen.

8. Handheld device as claimed in claim 1, characterized in that the splitting screen is a parallax barrier screen.

9. Handheld device as claimed in claim 1, characterized in that the device has a
5 means for selecting the number of adjacent viewing zones in which the same part of the document is displayed for displaying the same sub-images in a number of adjacent viewing zones.

10. Handheld device as claimed in claim 1, characterized in that in operation parts
10 of the documents displayed in adjacent viewing zones partly overlap.

11. Handheld device as claimed in claim 1, characterized in that the device has means for visual identification of the viewing zone.

15 12. Handheld device as claimed in claim 6, characterized in that has means for enabling the user to report to the device the viewing zone the viewer is viewing.

13. Handheld device as claimed in claim 1, characterized in that the device has a
20 means for switching the device to a 3-D display mode and the lenticular screen is able to provide a 3-D image.